

IN THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of the claims in the application:

1. (Cancelled)
2. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the sheath catheter further comprises a peel-away catheter.
3. (Original) The vessel harvesting device of Claim 2, wherein the peel-away catheter is longitudinally scored.
4. (Cancelled)
5. (Cancelled)
6. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the cutting tube has a bevelled cutting edge that is beveled radially outward.
7. (Cancelled)
8. (Cancelled)

9. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, wherein the sheath catheter has connecting prongs at its distal end and the cutting tube has corresponding connecting ports at its distal end for connecting the cutting tube to the sheath catheter.

10. (Original) The vessel harvesting device of claim 9, wherein the cutting tube further comprises a channel for inserting the sheath catheter's connecting prongs through the lumen of the cutting tube.

11. (Original) The vessel harvesting device of Claim 10, wherein the channel is located 90 degrees from the connecting ports.

12. (Previously amended) A vessel harvesting device comprising a stenting catheter, a sheath catheter with proximal and distal ends, and a cutting tube that is connectable to the distal end of the sheath catheter, further comprising a plurality of guide wires for guiding the cutting tube during vessel harvesting.

13-22. (Cancelled)